Journal of Immunological Methods, 132 (1990) 299–300
Elsevier

Contents to volume 132 (1990)

Number 1 – 28 August 1990

Announcement from the publisher v

Research reports

Long term expansion of cytomegalovirus-specific T cell lines in the absence of antigen or antigen-presenting cells. Use of monosized polystyrene particles coated with agonistic antibodies
P. Santamaria, M.K. Bryan and J. Barbosa (U.S.A.) 1

The use of *E. coli* exonuclease III to generate single stranded DNA in BrdUrd cell-cycle analysis permits simultaneous detection of cell surface antigens
J.A. Bayer, P. De Vries, H. Herweijer and J.G.J. Bauman (The Netherlands) 13

Optimized procedures for the coupling of proteins to liposomes
H.C. Loughrey, L.S. Choi, P.R. Cullis and M.B. Bally (Canada) 25

Enumeration of IgE secreting B cells. A filter spot-ELISA
C.L. King, G. Thyphronitis and T.B. Nutman (U.S.A.) 37

Alkaline phosphatase-Fast Red, a new fluorescent label. Application in double labelling for cell surface antigen and cell cycle analysis
A. Murdoch, E.J. Jenkinson, G.D. Johnson and J.J.T. Owen (U.K.) 45

Spectophotometric quantification of cell-cell adherence by an enzyme-linked immuno-cell adhesion assay
I. Bruynzeel, L.M.H. Van der Raaij, D.M. Boorsma, P. De Haan, R.J. Scheper, G. Kraal and R. Willemze (The Netherlands) 51

An anti-p24 monoclonal antibody shows cross-reactivity with multiple HIV-1 proteins
C.-M. Liang, S. Henry, S.-M. Liang and J.S. Epstein (U.S.A.) 57

A novel enzyme-linked immunosorbent assay (ELISA) for the detection of antibodies to HIV-1 envelope glycoproteins based on immobilization of viral glycoproteins in microtiter wells coated with concanavalin A
J.E. Robinson, D. Holton, J. Liu, H. McMurdo, A. Murciano and R. Gohd (U.S.A.) 63

ELISA for quantitation of the extracellular domain of $p185^{HER2}$ in biological fluids
P.E. Sias, C.E. Kotts, D. Vetterlein, M. Shepard and W.L.T. Wong (U.S.A.) 73

Carbohydrate-enzyme conjugates for competitive EIA
E. Vorberg and D.R. Bundle (Canada) 81

A new ELISA for the detection of double-stranded DNA antibodies
W. Emlen, P. Jarusiripipat and G. Burdick (U.S.A.) 91

Characterization of immune complexes by isoelectric focusing in agarose gels
W.L. Hoffman, P.J. Kelly and M. Larrumbide (U.S.A.) 103

Quantitation of pinocytosis in human monocytes during in vitro maturation into macrophages
D.E. Davies and J.B. Lloyd (U.K.) 111

Evaluation of CD5 and other differentiation antigens on human immunoglobulin-secreting cells using a combination of immunobead rosetting and reverse haemolytic plaque formation
B.M. Jones (Hong Kong) 119

Integration of monoclonal antibodies in quantitative immunoelectrophoresis by indirect immunoprecipitation
H.G. Wiker and M. Harboe (Norway) 127

Isolation and flow cytometric analysis of the free lymphomyeloid cells present in murine liver
P.L. Goossens, H. Jouin, G. Marchal and G. Milon (France) 137

Letters to the editors

A modified method for isolating viable alveolar type II cells from human lung tissue
F.J. Van Overveld, W.A. De Backer and P.A. Vermeire (Belgium) 145

A large scale dot blot ELISA using the 96-well culture plate
W. Piwowarczyk and R. Matsuda (U.S.A.) 147

Autoantibodies and spurious anti-H-Y specificity
D.N. Crichton and C.M. Steel (U.K.) 151

Editorial 153

Notes to authors 155

0022-1759/90/$03.50 © 1990 Elsevier Science Publishers B.V. (Biomedical Division)

Number 2 – 14 September 1990

Announcement from the publisher iii

Research reports

A new, simplified method for oxidation of human complement component C2
C.M. Brickman, J.P. Atherton and N.L. Kantor (U.S.A.) 157

An investigation of the T cell requirements of in vitro antibody forming B cells detected by the ELISPOT assay and a comparison with antibody synthesis
R. Fellowes and T. Lehner (U.K.) 165

Evaluation of the efficiency of two IgA immune complex assays
H. Osawa, M.R. Daha and L.A. Van Es (The Netherlands) 173

Flow cytometric characterisation of cell populations in human pregnancy decidua and isolation of decidual macrophages
G.S. Vince, P.M. Starkey, M.C. Jackson, I.L. Sargent and C.W.G. Redman (U.K.) 181

Removal of endotoxin from protein solutions by phase separation using Triton X-114
Y. Aida and M.J. Pabst (U.S.A.) 191

Production and characterisation of monoclonal antibodies directed against different epitopes of human thyroid stimulating hormone
J.M. Braun and J. Charreire (France) 197

Detection by immunofluorescent anti-idiotypic antibodies of yeast killer toxin cell wall receptors of *Candida albicans*
L. Polonelli, F. Fanti, S. Conti, L. Campani, M. Gerloni, M. Castagnola, G. Morace and C. Chezzi (Italy) 205

Quantitative measurement of Fc receptor activity on human peripheral blood monocytes and the monocyte-like cell line, U937, by laser flow cytometry
J. Christensen and R.G.Q. Leslie (Denmark) 211

Production of murine interleukin-4 and interleukin-5 by recombinant baculovirus
H.-R. Rodewald, J. Langhorne, K. Eichmann and J. Kupsch (F.R.G.) 221

A sandwich type enzyme-linked immunosorbent assay for proliferating cell nuclear antigen (PCNA)/cyclin using monoclonal antibodies
Y. Takasaki, M. Ohgaki, A. Kodama, K. Ogata, H. Hashimoto, T. Shirai and S.-I. Hirose (Japan) 227

Polyacrylic polyhydrazides as novel reagents for detection of antibodies in immunoblotting assays
U. Heimgartner, B. Kozulić and K. Mosbach (Switzerland) 239

Statistical design of ELISA protocols
D.S. Bunch, D.M. Rocke and R.O. Harrison (U.S.A.) 247

O-antigen biotin conjugates. Preparation and use in direct competitive enzyme immunoassays
P.J. Meikle, N.M. Young and D.R. Bundle (Canada) 255

A sensitive two-site sandwich enzyme immunoassay for human angiotensin converting enzyme utilizing monoclonal antibodies
J. Stevens, S. Danilov, B.L. Fanburg and J.J. Lanzillo (U.S.A., U.S.S.R.) 263

Detection of minimal residual T cell acute lymphoblastic leukemia by flow cytometry
S.D. Gore, M.B. Kastan, S.N. Goodman and C.I. Civin (U.S.A.) 275

A bioassay for the measurement of human interleukin-4
J.P. Siegel and H.S. Mostowski (U.S.A.) 287

Letter to the editors

Application of the 'area under the curve' method to measure the tumor necrosis factor activity
M. Houde and D.J.S. Arora (Canada) 297

Contents to volume 132 (1990) 299

Notes to authors 301